



Viking



FLASH MEMORY PRODUCTS

http://www.vikingtools.com/configurator/Flash.asp?View=1&id=2

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VIKING COMPONENTS

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Configure Flash

Viking flash cards are a high-performance storage solution that can be used in most laptops, PDAs, digital cameras, and network systems. They are specially suited for portable applications because they are solid-state (no moving parts). This makes them 5 to 10 times more shock resistant than a normal rotating hard drive.

Viking flash cards manage data blocks dynamically in order to maximize the life of the device they are installed in. An embedded EC function manages data to insure its reliability.

More information on the [Viking Flash Product Line](#).

IntelliFlash Transfer image files to your computer at 1.5MB per second, also read from write only.

Compacts	Memphis VI SKU	Viking Part #	OEM Part #	Description	Qty	Price
	813022	450236V1	CF16M-ADAPT	N/A	75	\$37.00
	30251	588637V1	CF24M	N/A	56	\$45.00
	813023	454000V1	CF24M-ADAPT	N/A	56	\$52.00
	30252	588638V1	CF32M	N/A	403	\$42.00

Internet zone

Online Configurator Instructions

Go to <http://www.vikingtools.com> or <http://config.vikingcomponents.com>

Search by Viking part number, model name, or device type. You can also browse through the manufacturers and the model names.

Select the correct model to view complete configuration and part information.

Type II (ATA) PC Cards



Product Description

Viking Type II PC cards are a high-performance storage solution that can be used in any device with a PCMCIA Type II or Type III slot. This includes handheld PCs, digital cameras, notebook PCs, global positioning systems, and networking systems on the market today. Viking Type II PC cards are compatible with DOS, Windows 3.x/95/ 97/98/2000/NT, Macintosh OS and most other operating systems.

Capacity & Viking Part Number

5 Volt	16MB	FL16M5VA	Dual 3.3/5V	48MB	FL48MDVA	Dual 3.3/5V	256MB	FL256MDVA
	32MB	FL32M5VA		64MB	FL64MDVA		320MB	FL320MDVA
				80MB	FL80MDVA		448MB	FL448MDVA
				96MB	FL96MDVA		512MB	FL512MDVA
				128MB	FL128MDVA		640MB	FL640MDVA
				160MB	FL160MDVA		768MB	FL768MDVA
				192MB	FL192MDVA		1GB	FL1024DVA



CompactFlash™ (Type I)



Product Description

About one-third the size and 40% the thickness of a Type II PC card, CompactFlash cards offer complete PCMCIA-ATA functionality and compatibility. They are rugged, consume low power, are transportable, and can link numerous types of electronic devices, including digital cameras, digital music players, PDAs and more.

Type I CompactFlash cards require an adapter, also available from Viking Components, to fit into a Type II or Type III PC card slot.

Capacity & Viking Part Number

3.3 Volt	8MB	CF8M	3.3 Volt	48MB	CF48M	3.3 Volt	160MB	CF160M
	16MB	CF16M		64MB	CF64M		256MB	CF256M
	24MB	CF24M		80MB	CF80M			*Adapter CF-ADAPT
	32MB	CF32M		128MB	CF128M			



SmartMedia™ (SSFDC)



Product Description

SmartMedia™ (SSFDC) memory cards provide mobile data storage in a very small interchangeable format. SSFDC consists of a single NAND flash EEPROM chip embedded in a thin plastic card. It can be transported between digital systems including consumer and portable electronic devices, PDAs, digital cameras, pagers, MP3 digital music players and more.

SmartMedia cards require an adapter, also available from Viking Components, to fit into a Type II or Type III slot.

Capacity & Viking Part Number

3.3 Volt	16MB	SSFDC3/16	3.3 Volt	64MB	SSFDC3/64	3.3 Volt	*Adapter SSFDC/ADAPT
	32MB	SSFDC3/32		128MB	SSFDC3/128		



MultiMediaCard™ (MMC)



Product Description

Weighing less than 2 grams and taking up the area of a postage stamp, Viking's MultiMediaCards are the world's smallest removable flash memory for portable devices like digital audio players, digital cameras, and PDAs. In addition to its distinct size advantage over other form factors, the MultiMediaCard's low power draw makes it highly suitable for battery powered mobile applications. Viking MultiMediaCards offer fast access to your data and are reliable, cost-effective, and durable for the on-the-go lifestyle.

Capacity & Viking Part Number

3.3 Volt	16MB	MMC16M
	32MB	MMC32M
	64MB	MMC64M



Secure Digital Card (SD)

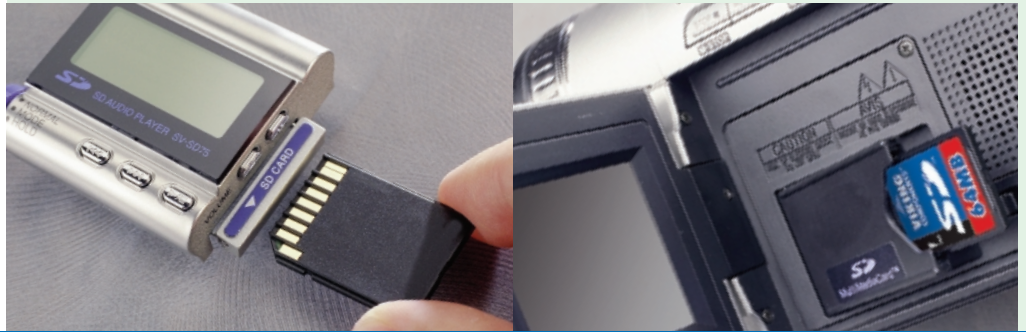


Product Description

Viking's SD cards can be used in any device that requires the robust security features that this standard offers. The SD form factor represents the smallest, secure flash memory card in the consumer market today and is flexible for applications ranging from MP3 players to PDAs to digital cameras. Combined with low power draw and the highest capacities available, Viking SD cards are the best option available for taking your digital files with you anywhere.

Capacity & Viking Part Number

3.3	16MB	SD16M
Volt	32MB	SD32M
	64MB	SD64M



Viking Flash Adapters

Viking Flash adapters

Viking's line of flash memory adapters offer the most convenient and fastest method for transferring data from your CompactFlash or SmartMedia cards to any computer or device that has a PCMCIA Type II slot. These adapters ensure that you will have the flexibility to access your digital pictures, music files, and other data from a greater number of flash capable devices.

Viking Components
CompactFlash
Type I Adapter
CF-ADAPT



Viking Components
SmartMedia
Adapter
SSFDC/ADAPT



Viking IntelliFlash™ Readers



Viking's IntelliFlash™ USB Flash Memory Reader

An all-in-one solution for high-speed, bi-directional image and data transfer. Images and data can be downloaded quickly from flash memory cards used in many applications, including digital cameras and MP3 devices. At the speed of 1.5MB per second, USB technology transfer rates are at least 50 times faster than the standard digital camera connection. IntelliFlash™ supports PC Cards, SmartMedia and CompactFlash™ (with adapter).

Viking's IntelliFlash™ MemoryStick™ Reader

With Viking's IntelliFlash™ USB Memory Stick™ Reader, images and data can be transferred quickly to and from a Memory Stick™ flash card and a computer or digital device. Sony's Memory Stick™ technology has grown to be compatible with many applications, including digital still cameras, digital video cameras, MP3 devices and laptop PCs.



Frequently Asked Questions (FAQs)

Viking Components is a member of the following forums:



Why is flash memory important to digital music players? The average digital music player comes equipped with 16MB of memory. At a usage rate of 1MB per minute of audio, this memory is quickly consumed. It takes a minimum of 32MB of flash memory (CompactFlash™ or SmartMedia™) to store an entire CD. With additional cards, users can create customized playlists, using separate cards for exercise music, easy listening, party mixes, and so on.

Why is flash memory important to digital cameras? The quality and resolution of digital images are rapidly improving with the release of each new model of digital camera. Higher resolution images require higher capacity flash memory. High-capacity flash memory cards act as additional rolls of film giving the user the option to store more higher quality photos.

How many images can be stored on a CompactFlash™ or SmartMedia™ card? Digital cameras can typically take pictures in different resolutions which employ different compression settings and file formats. The higher the resolution of the image, the more memory it requires, and therefore, the fewer images will fit on a memory card. For example, a 1 megapixel camera can store 28 pictures on a 16MB flash card, while a 3 megapixel camera will only allow 14 pictures to be stored at best quality or best compression settings. You can consult your camera user manual for further storage information.

Viking's online configuration manual – <http://config.vikingcomponents.com>

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